

# Closing Session

**European perspectives and contributions to the  
global development strategy 2010 - 2015 of the  
WHO / ILO ITG Control Banding**

# Actions

# ITG 5-Year Work Plan 2010 - 15

Key Elements of the Global Development Strategy

## Development

**Toolkits to assist SMEs and larger industries**

**Standardized control guidance sheets (CGS)**

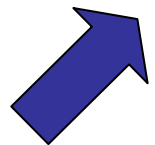
**Expand existing toolkits and compile them to toolboxes for OSH**

# EU contributions to ITG 5-Year Work Plan 2010 - 15

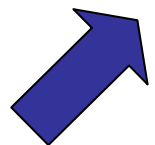
## EU Developments



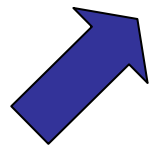
**CB tools compatible to REACH / Chesar:  
Stoffenmanager 4.0/4.5, EMKG-Expo-Tool, ECETOC-TRA**



**a set of EU Control Guidance Sheets  
for standardized risk communication via SDS**



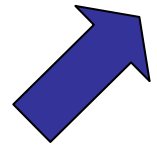
**CB tools for fire and explosion risks:  
EMKG 3.0, Stoffenmanager ATEX**



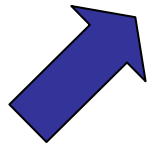
**Hazard models of CB tools adapted to CLP /GHS  
Stoffenmanager, EMKG**

# EU contributions to ITG 5-Year Work Plan 2010 - 15

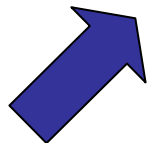
## EU Developments (II)



**Standardization of exposure scenarios in chemicals' supply chains: ESCom**



**CB tools bundled in an EU OSH toolbox: OIRA**



**Risk assessment tools databases  
(EU-OSHA, GDA-DE, ....)**

# ITG 5-Year Work Plan 2010 - 15

Key Elements of the Global Development Strategy

## Research

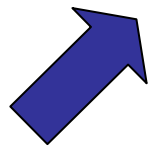
**Evaluate existing toolkits and underlying models**

# EU contributions to ITG 5-Year Work Plan 2010 - 15

## EU Research (I)



**Calibration and validation of CB inhalation models against exposure data: Stoffenmanager, EMKG**

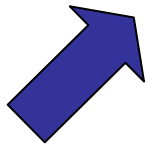


**E-TEAM: Evaluation of tools for REACH tier 1 exposure assessment:  
Stoffenmanager, EMKG, ECETOC-TRA**

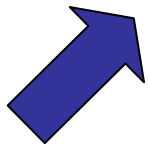
# EU contributions to ITG 5-Year Work Plan 2010 - 15

## EU Research (II)

Field studies ...



... on the effectiveness of Control Guidance Sheets for transfer activities



... to evaluate the performance of new and existing CB tools



# ITG 5-Year Work Plan 2010 - 15

Key Elements of the Global Development Strategy

## Implementation

**Perform regional CB Workshops**

**Identify the most promising areas for promoting Control Banding strategies and potential barriers for implementation**

**Centralized database for Toolkit/Toolbox access**

**Standardized qualitative risk assessment process**

**Bridge Industrial Hygienist & Occupational Physician gap**

**Support OHLearning**

**Consistent funding for ITG Work Plan**

# EU contributions to ITG 5-Year Work Plan 2010 - 15

## EU Implementation (I)

- ✓ **Conference "Perspectives of Control Banding":  
a European regional CB workshop**
- ✓ **Videos, new media, social networks and  
easy-to-use gadgets:  
Stoffenmanager / PIMEX, EMKG Kompakt**
- ✓ **EU experience for SME in developing countries:  
GIZ Chemicals Management Guide**

# EU contributions to ITG 5-Year Work Plan 2010 - 15

## EU Implementation (II)



training for OSH professionals



mainstreaming CB into tertiary education ...  
... for chemists (Dortmund)  
... safety engineers (Wuppertal)  
... OSH professionals (Delft)



Operational analysis: Stoffenmanager

# Visions

# Rick Niemeyer (NIOSH, US) in 2005

My major concern is, how are we going to meld all of these concepts of

- REACH,
- GHS,
- COSHH Essentials,
- the International Chemical Control Toolkit (ICCT)
- Safety data sheets (SDS), and the
- International Programme on Chemical Safety (IPCS - UNEP, ILO, WHO)
- International Chemical Safety Cards (ICSC)



into a more globalized system to **assess and manage risks in a more efficient, consistent, and worker friendly manner.**

We already have many great individual efforts to address this issue, but **consolidating these efforts into a useable system** would be a great accomplishment.

## BAuA's vision for 2020 (from 2008)

**Control Banding** is established world-wide to provide simple tools for workplace risk assessment of chemicals and standardised **Control Guidance Sheets** for task-related safety precautions.

About 50 different **Control Guidance Sheets** are appreciated as standardized working practices and evaluated in field studies by means of workplace monitoring.

Many producers and importers use **Control Banding tools** and **Control Guidance Sheets** to set up exposure scenarios for REACH registration of their chemicals in the EU .

**Control Banding toolkits** for all relevant workplace hazards are available and combined in a **Risk assessment toolbox** with a recognizable design.

## Dave Zalk's vision for CB implementation

- A **Applications** - smartphone apps to make CB easily accessible worldwide.
- B **Banding** - standardizing the basics of CB across all OSHH professions.
- C **Curriculum** - integrating CB into tertiary education in EU, US & globally.

# The Future of Chemical Safety

- **CLP** will harmonize hazard communication for chemicals all over the world
- **REACH** will provide better risk-related information along chemicals' supply chains
- **Control Banding** will help to put this information into OSH practice



Thank you  
for fruitful  
discussions